

MTUG 2022 IT Summit – May 26, 2022 –Workshop Schedule / Titles

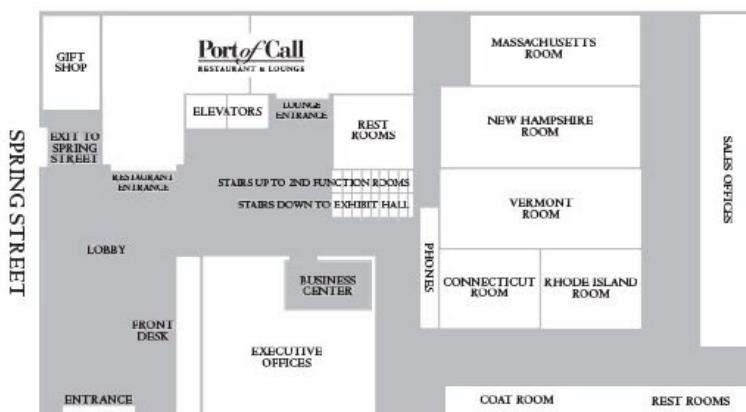
Schedule, rooms, topics, and descriptions subject to change. Last update 5/19/22 12:55 PM.

Room & Track	Session A (9:15 – 10:15 AM)	Session B (11:15 AM–12: 15 PM)	Session C (2:15 – 3:15 PM)
I.T. INFRASTRUCTURE Track			
Connecticut Room, 1 st Fl/Lobby (cap. 80)	SD-WAN: The New Network Swiss Army Knife Lori Evanstad, Consolidated Communications; Matt Gaudette, Irving Oil TECH SKILL LEVEL: Intermediate	Automating Network Management at Bates College Bruce Hall, Bates College TECH SKILL LEVEL: Intermediate	
DISRUPTION Track			
Rhode Island Room, 1 st Fl/Lobby (cap. 80)	Security and Privacy by Design in a Legacy IT World: How considerations for Privacy disrupt business practices with a panel of legal experts from Tyler Tech TECH SKILL LEVEL: Basic	Disrupting the Veterinary Industry: Leveraging Technology to Reimagine the Veterinary Experience. Jeremy Halperin, Rarebreed Veterinary; Matt Malitsky, ATX Advisory Services	Collaboration & Control: The Disrupted Hybrid Workplace Roo Dunn, H+K Strategies / WPP; Kean Brown, Kyndryl (form. IBM) TECH SKILL LEVEL: Intermediate
SECURITY Track			
Mass. Room, 1st Floor / past Ballroom (cap. 125)	Using Microsoft Defender for Endpoint to Enhance your Device Security Chris Rhoda, Thomas College TECH SKILL LEVEL: Intermediate	Third Party Compromise: Lessons from the Okta Breach Cheryl Biswas, Threat Intelligence Specialist, TD Bank TECH SKILL LEVEL: Basic	The MITRE ATT&CK Framework and how to use it: A Conversation Michael Davis, Cambridge Computer Services; Neal Richardson, Hillsboro-Deering School District TECH SKILL LEVEL: Basic
Connecticut Room, 1 st Fl/Lobby (cap. 80)			Six Degrees From KEV: The Art & [Data] Science of Patch Management Prioritization Bob Rudis, with James Troutman TECH SKILL LEVEL: Advanced
I.T. WORKFORCE DEVELOPMENT Track			
Port of Call Lounge, 1 st Floor (cap. 30)	The Only Constant is Change: High Velocity Continuous Deployment on AWS Christopher Falk, MPX	Recruitment, Retention & ROI: How to turn your Brand into a powerful HR tool Liz McLellan, Connectivity Point; Paula Mahony, Words @ Work	Yeah, Maine can train that! Skilling your workforce for the 21st century Barry Magda, Central Maine Community College; Kate McPherson, Hubspot

Workshops Rooms / Spaces:

All Workshops are on the Lobby Level / 1st Floor of the Holiday Inn by the Bay, 88 Spring Street, Portland, Maine.

The Lounge portion of the Port of Call Restaurant is to the right of the elevators.



MTUG 2022 – Workshop Descriptions

Educational Workshop Descriptions

I.T. INFRASTRUCTURE Track

SD-WAN:

[9:15am – Connecticut Room]

The New Network Swiss Army Knife

TECH SKILL LEVEL: Intermediate

The COVID-19 pandemic made it clear for many business owners just how important networks, and especially the Internet, have become. SD-WAN is a mature technology that has displaced the traditional approach to networking with many benefits, including radically improved resiliency and visibility across the enterprise. Irving Oil will present their reasons for adopting SD-WAN, how it was successfully integrated into their existing WAN environment, and how it has enabled their organization's success in the past year and a half. The presentation will include a view of an SD-WAN network, including the visibility into network performance, throughput, and real-time events.

Lori Evenstad, Solution Consultant – Consolidated Communications

Matt Gaudette, Infrastructure Solutions Manager – Irving Oil

Automating Network Management at Bates College

[11:15am – Connecticut Room]

TECH SKILL LEVEL: Intermediate

Maintaining consistency in the configuration and deployment of network devices can be a challenge. Bates College is using git and ansible to do this for a few hundred switches and routers. "git" is an open source code management system designed by Linus Torvalds specifically for development using multiple authors. "ansible" is an open source software provisioning tool. While they are being used at Bates to develop and deploy Juniper Junos configuration files, they can and are used for many other applications in many organizations.

Bruce Hall, Network Administrator – Bates College

MTUG 2022 – Workshop Descriptions

DISRUPTION Track

Security and Privacy by Design in a Legacy IT World: [9:15am – Rhode Island Room] **How considerations for Privacy disrupt business practices**

TECH SKILL LEVEL: Basic

In the world of for-profit Technology companies Security is normally considered an unwelcome expense. Add in rapidly changing requirements around Privacy and you can suddenly find your organization experiencing financial and reputation pain that could have been minimized or avoided. You do that by planning Security and Privacy into the Design of your products and operations. Let's talk about what that looks like.

Jockel Carter, Internal Security Architect – Tyler Technologies

Andrea Fravert, Director, Legal Affairs – Tyler Technologies

Brooke Grant, Senior Corporate Attorney – Tyler Technologies

John Wright, Senior Corporate Attorney – Tyler Technologies

Disrupting the Veterinary Industry: [11:15am – Rhode Island Room] **Leveraging Technology to Reimagine the Veterinary Experience**

During this presentation we will discuss how Rarebreed Veterinary Partners is leveraging an innovative software environment to rapidly acquire and integrate vet practices onto their consolidated platform. Rarebreed's value proposition is to enable veterinary practices to operate more efficiently and effectively by utilizing enterprise-level technology and benchmark data. This discussion will include an overview of the deployment of NetSuite ERP for back-office operations along with integrations to practice management systems (PMS), aggregated business analytics, and more.

Jeremy Halperin, Chief Technology Officer – Rarebreed Veterinary Partners

Matt Malitsky, Senior Consultant – ATX Advisory Services

Collaboration & Control: [2:15pm – Rhode Island Room] **The Disrupted Hybrid Workplace**

Our world has shifted dramatically from the start of lockdowns in March 2020. Complicating this was the Russian invasion of Ukraine in February 2022. The way we work together, how we collaborate, our total ways of working with those whom we lead, and those whom we support continues to be disrupted. Our job is to interactively achieve those expectations while ensuring a data safe environment.

Kean Brown, Solutions Architect /Technical Delivery Manager – Kyndryl

Roo Dunn, Technology & Telecommunications Manager – Hill+Knowlton Strategies/WPP

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SECURITY Track

Using Microsoft Defender for Endpoint to Enhance your Device Security

[9:15am – Massachusetts Room]

TECH SKILL LEVEL: Intermediate

Have you ever wondered how to prioritize the various security updates needed by devices in your organization? Attend this session to see how Thomas College, with over 550 Windows, Mac, and iOS devices and only 4 full-time IT staff use cloud-based tool Microsoft Defender for Endpoint (formerly Defender ATP) to easily identify, prioritize, and reduce security and software vulnerabilities on their Windows, MacOS, iOS and Android Endpoint devices.

Chris Rhoda, VP of Information Services and Strategic Initiatives and CIO – Thomas College

Third Party Compromise: Lessons from the Okta Breach

[11:15am – Massachusetts Room]

TECH SKILL LEVEL: Basic

The presentation will begin with an overview of the recent Okta security breach, and introduce the threat actor group “Lapsus\$”. Analysts wondered how this new group, which only emerged in late 2021, had managed to compromise and steal data from a growing list of major victims, including Nvidia and Vodaphone. It all comes down to “how did they get in”. We will talk about the rise in use of initial access brokers by cyber criminals especially in ransomware attacks. Lapsus\$ found the perfect way in through the compromise of Okta, which is used to secure access and sign on to accounts. We will discuss how compromise via trusted third parties is a growing risk and why it can impact any organization. Then, we will walk through the stages of attack for the Okta breach, and show the downstream victim impact. Finally, we will discuss some steps organizations can take to improve their security posture.

Cheryl Biswas, Threat Intelligence Specialist – TD Bank

The MITRE ATT&CK Framework and how to use it: A Conversation

[2:15pm – Massachusetts Room]

TECH SKILL LEVEL: Basic

Cambridge Computer’s Security Practice lead will review the MITRE ATT&CK Framework and the toolset that MITRE offers to one of our customers from the Hillsboro-Deering School District. The team will highlight how some of these tools can assist in planning, executing, and adapting your IT/Security and business continuity strategy.

Michael Davis, Sr Solutions Architect and Security Practice Lead – Cambridge Computer Services
Neal Richardson, Director of Technology/CISO – Hillsboro-Deering School District

Six Degrees From KEV: The Art & [Data] Science of Patch Management Prioritization

[2:15pm – Connecticut Room]

TECH SKILL LEVEL: Advanced

"The modern vulnerability landscape is fraught with peril. Critical weaknesses are being discovered faster than ever and attackers are exploiting many of them within 24 hours of release. Unfortunately, even modest-sized organizations are unable to keep up with patching everything, but it's been challenging coming up with a robust prioritization scheme to help balance safety & resilience against uptime and resource availability. Recently, free open-source datasets, metadata, and APIs have emerged that can help security teams understand which vulnerabilities need to be patched right now and which ones can be postponed when more resources are available."

Bob Rudis, Head of Data Science – GreyNoise Intelligence
James Troutman, Director of Technology, ISP – Tilson Technology Management

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I.T. WORKFORCE DEVELOPMENT Track

The Only Constant Is Change

[9:15am – Port of Call Lounge]

High Velocity Continuous Deployment on AWS

The journey of 1000 miles begins with one step; to bring about a grand vision, deploy changes in small but rapid increments. In this session we will discuss the philosophy of continuous integration and deployment (CI/CD) for both code and cloud infrastructure and walk through an example of its implementation on Amazon Web Services for a custom PHP ERP application.

Chris Falk, CIO – MPX

Recruitment, Retention & ROI

[11:15am – Port of Call Lounge]

How to turn your Brand into a powerful HR tool

When you know what your Brand's vision and mission are and what the true value you offer your customers is, and you share that with ALL of your employees, MAGIC HAPPENS. In this workshop, Paula and Liz will walk you through the rationale behind the importance of defining and sharing your brand, share real world examples, and lead an exercise to get you thinking on the relevance of your brand. They will show how using brand language can change how you recruit, increase retention, and ultimately improve your ROI.

Paula Mahony, President & Chief Strategist – Works@Work

Liz McLellan, Marketing Manager – Connectivity Point

Yeah, Maine can train that!

[2:15pm – Port of Call Lounge]

How in-place and new custom training programs can meet immediate needs, and skill your workforce for the 21st Century.

Among many options today for up-skilling your workforce or developing your own skills are grant funded and other programs available through the Maine Community College System. Currently there are many programs offered at low or NO cost to eligible participants. Among these opportunities are IT certifications, micro-credential badges, new skills, and if it is not on the shelf you can engage in custom training options at beginner to advanced levels, including soft skills. Join us to hear how, what, when and bring your own why!

Barry Magda, Computer Curriculum Designer & Trainer – Central Maine Community College

Kate McPherson, Customer Support Specialist –HubSpot

For each Workshop you attend, please remember to sign in OR leave a Workshop Sign-In Slip (for pre-registered attendees, there are 3 slips in your badge holders).

All workshops have paper certificates available in limited numbers. If you would like a certificate after the Summit, please email MTUG at programs@mtug.org, and a PDF will be sent to you.